| Ref<br># | Hits | Search Query                                     | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--|---------------------|---------|------------------|
| L1       | 1    | (US-20050001264-\$).did.                         | US-PGPUB   | OR                  | OFF     | 2007/02/11 16:42 |
| L2       | 1    | L1 and boundary                                  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/11 16:42 |
| L3       | 4    | (257/E29.134,E29.264).CCLS. and @pd>"20061022"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/11 16:44 |
| L4       | 0    | trench adj gate and "5126807" and @pd>"20061022" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                        | OR                  | OFF     | 2007/02/11 16:44 |
| L5       | 50   | "5338953"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/11 16:44 |
| L6       | 15   | L5 and @pd>"20030422"                            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/11 16:44 |
| L7       | 0    | L5 not L6 and @pd>"20061022"                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/11 16:44 |
| L8       | 0    | 7 and (gate and drain).detx.                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/11 16:45 |
| L9       | 35   | L5 not L6  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2007/02/11 16:45 |

|     |       |   | -  |      |       |                  |
|-----|-------|---|--|------|-------|------------------|
| L10 | 35    | L9 and drain  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/02/11 16:45 |
| L11 | 0     | L10 and gate and @pd>"20061022"                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF · | 2007/02/11 16:45 |
| L12 |       | trench adj gate and "5126807" and<br>@pd>"20061022" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                        | OR   | OFF   | 2007/02/11 16:46 |
| L13 | . 112 | (257/135,136,328-331).CCLS. and @pd>"20061022"      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/02/11 16:47 |
| L14 | 66    | trench adj gate and electrodes and @pd>"20061022"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                        | OR   | OFF   | 2007/02/11 16:48 |
| L15 | 3     | "5672524" and @pd>"20030422"                        | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/02/11 16:48 |
| L16 | . 12  | "5672524" not L15                                   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF   | 2007/02/11 16:48 |
| L17 | 0     | L16 and (gate and drain).detx. and @pd>"20061022"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF   | 2007/02/11 16:48 |
| L18 | 0     | "5672524" and @pd>"20061022"                        | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/02/11 16:49 |

| L19 | . 1 | "4541001" and @pd>"20061022"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB               | OR   | OFF  | 2007/02/11 16:49 |
|-----|-----|---|--|------|------|------------------|
| L20 | 0   | "5945705" and @pd>"20061022"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF  | 2007/02/11 16:49 |
| L21 | 0   | "4206005" and @pd>"20061022" .  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB               | OR   | OFF  | 2007/02/11 16:49 |
| L22 | 2   | hsieh and trench adj bottom and @pd>"20061022"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB               | OR . | OFF  | 2007/02/11 16:49 |
| L23 | 0   | "5126807" and @pd>"20061022"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                        | OR   | OFF  | 2007/02/11 16:50 |
| L25 | 2   | ("5776812").PN.   | US-PGPUB;<br>USPAT;<br>DERWENT                                   | OR   | OFF  | 2007/02/11 16:50 |
| L26 | 4   | "5,072,266" and @pd>"20061022"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB               | OR   | OFF  | 2007/02/11 16:52 |
| L27 | · 4 | 26 and trench with (depth deep<br>deeper deepening deepened shallow<br>shallower shallowing)                          | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB               | OR   | OFF  | 2007/02/11 16:50 |
| L28 | 50  | body with trench with (depth deep<br>deeper deepening deepened shallow<br>shallower shallowing) and<br>@pd>"20061022" | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB               | OR   | OFF  | 2007/02/11 16:51 |
| L29 | 46  | trench adj gate and gate adj<br>electrodes and @pd>"20061022"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                        | OR   | .OFF | 2007/02/11 16:51 |

| L30 | 1.  | nakamura and minato and igbt and<br>@pd>"20061022" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                        | OR | OFF | 2007/02/11 16:51 |
|-----|-----|--|--|----|-----|------------------|
| L31 | . 0 | "5945705" and @pd>"20061022"                       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/11 16:51 |

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